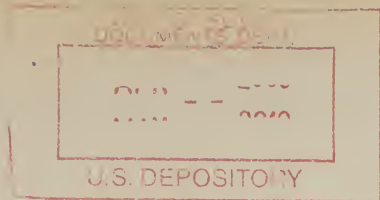


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Issued November 5, 1910.

U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY.—CIRCULAR 164.

A. D. MELVIN, CHIEF OF BUREAU.

STATE LIVE-STOCK SANITARY OFFICERS.

ALABAMA.—State live-stock sanitary board: J. A. Wilkinson, chairman and commissioner of agriculture, Auburn; C. A. Cary, secretary and state veterinarian, Auburn; D. T. Gray, Auburn.

C. A. Cary, experiment station veterinarian, Auburn.

ARIZONA.—Live-stock sanitary board: George Pusch, chairman, Tucson; J. D. Carter, secretary, Phoenix; O. H. Christy, Phoenix; J. W. Stewart, Simmons.

Dr. J. C. Norton, territorial veterinarian, Phoenix.

ARKANSAS.—W. Lenton, state veterinarian, Fayetteville.

J. F. Stanford, experiment station veterinarian, Fayetteville.

CALIFORNIA.—Charles Keane, state veterinarian, Sacramento; W. E. S. Morrison, assistant state veterinarian, Los Angeles.

COLORADO.—State board of stock inspection commissioners: A. K. Stevens, president, Iola; E. McCrillis, secretary, Denver; H. W. Potter, treasurer, La Junta; Charles G. Lamb, state veterinarian, Denver.

George H. Glover, experiment station veterinarian, Fort Collins.

CONNECTICUT.—Heman O. Averill, commissioner on domestic animals, Hartford.

DELAWARE.—Abram E. Frantz, secretary state board of health, Wilmington. Board of veterinary examiners: James R. Mahafrey, Wilmington, and H. P. Eves, Wilmington.

Wesley Webb, corresponding secretary state board of agriculture, Wilmington.

Charles F. Dawson, experiment station veterinarian, Newark.

FLORIDA.—Joseph Y. Porter, state health officer, Jacksonville; Thomas J. Mahaffy, veterinarian to state board of health, Jacksonville.

GEORGIA.—Thomas G. Hudson, commissioner of agriculture, Atlanta.

Dr. D. P. F. Bahnsen, state veterinarian, Atlanta.

HAWAII.—V. A. Nörgaard, territorial veterinarian, Honolulu.

IDAHO.—George E. Noble, state veterinarian, Boise.

ILLINOIS.—State board of live-stock commissioners: Phil. S. Haner, chairman, Taylorville; Henry J. Beer, Blue Island; A. W. Sale, Springfield; J. M. Wright, state veterinarian, 1827 Wabash avenue, Chicago.

Donald McIntosh, experiment station veterinarian, Urbana.

A. T. Peters, assistant to experiment station veterinarian, Urbana.

INDIANA.—W. E. Coover, state veterinarian, Indianapolis; G. H. Roberts, assistant state veterinarian, Indianapolis.

R. A. Craig, experiment station veterinarian, Lafayette.

Veterinary medical examiners: George C. Ferling, Richmond; Orville L. Boor, Muncie; John J. Herron, Tipton; A. H. McGlasson, Madison.

IOWA.—Paul O. Koto, state veterinarian, Des Moines.

C. H. Stange, experiment station veterinarian, Ames.

KANSAS.—J. H. Mercer, live-stock sanitary commissioner, Topeka; F. S. Schoenleber, experiment station veterinarian, Manhattan.

KENTUCKY.—J. N. McCormack, secretary state board of health, Bowling Green; F. T. Eisenman, state veterinarian, Louisville; Hon. M. C. Rankin, chairman live-stock sanitary board, Frankfort.

LOUISIANA.—State live-stock sanitary board: Charles Schuler, chairman, Baton Rouge; E. P. Flower, secretary and executive officer, Baton Rouge; W. H. Dalrymple, J. H. Thurmond, and George W. Sentell.

W. H. Dalrymple, experiment station veterinarian, Baton Rouge.

MAINE.—State cattle commissioners: F. O. Beal, president, Bangor; John M. Deering, secretary, Saco; Frank S. Adams, Bowdoin.

State board of veterinary examiners: W. S. Lord, president, Portland; A. Joly, secretary and treasurer, Waterville; F. E. Freeman, Rockland.

MARYLAND.—Wade H. D. Warfield, secretary live-stock sanitary board, Cockeysville; F. H. Mackie, chief veterinary inspector, 1035 Cathedral street, Baltimore.

S. S. Buckley, experiment station veterinarian, College Park.

MASSACHUSETTS.—Frederick F. Walker, chief of cattle bureau, state board of agriculture, State House, Boston.

J. B. Paige, experiment station veterinarian, Amherst.

MICHIGAN.—State live-stock sanitary commission: H. H. Hinds, president, Stanton; C. A. Tyler, secretary, Coldwater; T. F. Marston, Bay City; W. M. Morris, state veterinarian, Cass City.

Charles E. Marshall, experiment station veterinarian, East Lansing.

MINNESOTA.—State live-stock sanitary board: C. E. Cotton, Minneapolis; Charles A. Nelson, Anoka; M. H. Reynolds, University Farm, St. Paul; P. H. Grogan, C. Sholin; S. H. Ward, veterinarian, secretary and executive officer, St. Paul.

M. H. Reynolds, experiment station veterinarian, University Farm, St. Paul.

MISSISSIPPI.—State live-stock sanitary board: H. E. Blakeslee, chairman and commissioner of agriculture and commerce, Jackson; W. L. Hutchinson, secretary, Agricultural College; James Lewis, state veterinarian, Agricultural College; J. M. Aldrich, Michigan City; John W. Day, Crystal Springs.

MISSOURI.—T. C. Wilson, secretary state board of agriculture, Columbia; D. F. Luckey, state veterinarian, Columbia.

J. W. Connaway, experiment station veterinarian, Columbia.

MONTANA.—State live-stock sanitary board: William Treacy, chairman; M. E. Knowles, secretary and state veterinarian; T. C. Power; all at Helena.

NEBRASKA.—Governor A. E. Shallenberger, ex officio state veterinarian, Lincoln; Paul Juckniess, deputy state veterinarian, Lincoln.

NEVADA.—T. F. Richardson, state veterinarian, Goldfield.

NEW HAMPSHIRE.—N. J. Bachelder, secretary state board of cattle commissioners, Concord.

NEW JERSEY.—State board of agriculture: E. B. Voorhees, president, New Brunswick; Franklin Dye, secretary, Trenton.

Commission on tuberculosis in animals: E. B. Voorhees, president, New Brunswick; Joseph B. Ward, vice-president, Lyons Farms; Franklin Dye, secretary, Trenton; C. H. Cook, treasurer, Trenton; A. A. Cortelyou, Neshanic; William C. Parry, Hainesport; B. E. Tine, Stanton.

Dr. Bruce S. Keator, secretary state board of health, Trenton.

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NEW MEXICO.—Cattle sanitary board (having charge also of horses and mules): Charles L. Ballard, president, Roswell; W. J. Linwood, secretary, Albuquerque; W. C. McDonald, Carrizozo; W. H. Jack, Silver City; W. J. Linwood, Raton; B. F. Pankey, Lamy; W. W. Cox, Organ.

Sheep sanitary board (having charge also of goats): Harry F. Lee, secretary, Albuquerque; Solomon Lunas, Los Lunas; H. W. Kelly, Las Vegas; Charles Sleter, Clayton; A. D. Garrett, Roswell; J. W. Akers, Santa Fe.

NEW YORK.—R. A. Pearson, commissioner of agriculture, Albany; J. F. De Vine, chief veterinarian, Albany.

NORTH CAROLINA.—W. A. Graham, commissioner of agriculture, Raleigh; W. G. Chrisman, state veterinarian, Raleigh; E. P. Wood, assistant veterinarian, Raleigh.

G. A. Roberts, experiment station veterinarian, West Raleigh.

NORTH DAKOTA.—State live-stock sanitary board: E. J. Walsh, president, Willow City; Andrew Veitch, Grand Forks; W. L. Richards, secretary, Dickinson; W. F. Crewe, veterinarian and executive officer, Devils Lake; J. W. Robinson, Garrison.

L. Van Es, experiment station veterinarian, Agricultural College.

OHIO.—Paul Fischer, state veterinarian, Columbus.

A. P. Sandles, secretary state live-stock commission, Columbus.

OKLAHOMA.—G. T. Bryan, superintendent live-stock inspection, Guthrie; Drs. J. K. Callicotte and W. B. McAlester, veterinarians to state board of agriculture, Guthrie.

A. J. Emery, chief dairy inspector, Guthrie.

L. L. Lewis, experiment station veterinarian.

OREGON.—W. H. Lytle, state veterinarian, Pendleton.

PENNSYLVANIA.—State live-stock sanitary board: Governor Edwin S. Stuart, president; S. H. Gilliland, state veterinarian; T. E. Munce, deputy state veterinarian; all at Harrisburg.

PORTO RICO.—Thomas A. Allen, veterinary inspector, health office, San Juan.

RHODE ISLAND.—State board of agriculture: John J. Dunn, secretary, Providence; John S. Pollard, veterinarian, Providence.

SOUTH CAROLINA.—M. Ray Powers, state veterinarian, Clemson College; R. O. Feeley, assistant veterinarian, Clemson College.

SOUTH DAKOTA.—State live-stock sanitary board: Thomas H. Hicks, chairman and state veterinarian, Milbank; Frank M. Stewart, president, Buffalo Gap; Frank R. Cock, secretary, Belle Fourche; J. N. Long, Waubay; P. H. O'Neil, Faulkton; W. W. Davis, Mount Vernon.

E. L. Moore, experiment station veterinarian, Brookings.

TENNESSEE.—John Thompson, commissioner of agriculture, Nashville.

J. H. McDowell, state live-stock commissioner, Nashville.

Moses Jacob, experiment station veterinarian, Knoxville.

TEXAS.—State live-stock sanitary commission: R. H. Harris, chairman, San Angelo; A. S. Gage, secretary, San Antonio; A. F. McClure, Stamford.

E. R. Forbes, state veterinarian, Fort Worth.

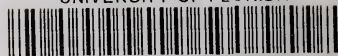
M. Francis, experiment station veterinarian, College Station.

UTAH.—A. Carrington Young, state veterinarian, 517 Judge Building, Salt Lake City.

State board of sheep commissioners: L. R. Anderson, president, Salt Lake City; Arthur A. Callister, secretary, Salt Lake City; Thomas W. Jones, Salt Lake City; J. S. Ostler, Nephi.

H. J. Frederick, experiment station veterinarian, Logan.

VERMONT.—F. L. Davis, state cattle commissioner, White River Junction.



- VIRGINIA.—J. G. Ferneyhough, state veterinarian, Burkeville.
 William D. Saunders, dairy and food commissioner, Richmond.
 State board of veterinary examiners: H. S. Willis, Rapidan; Thomas Fraser, Richmond; S. C. Neff, Staunton; H. Bannister, Roanoke.
- WASHINGTON.—S. B. Nelson, state veterinarian, Spokane.
- WEST VIRGINIA.—John M. Millan, secretary state board of agriculture, Charleston.
 Consulting veterinarians: W. C. Atkeson, Buffalo; J. C. Callender, Parkersburg; L. N. Reefer, Wheeling; W. M. Stanley, Charleston.
- WISCONSIN.—State live-stock sanitary board: Herbert Lothe, secretary, Madison; D. B. Clark, state veterinarian, Madison; M. P. Ravenel, bacteriologist, Madison; George McKerrow, Pewaukee; George Wylie, Morrisonville; Grant U. Fisher, Janesville.
 H. L. Russell, dean, college of agriculture, University of Wisconsin, Madison.
 A. S. Alexander, experiment station veterinarian, Madison.
- WYOMING.—William F. Pflaeging, state veterinarian, Cheyenne.
 State board of live-stock commissioners: George R. Eyken, Laramie; Fred G. S. Hesse, Buffalo; Addison A. Spaugh, Manville; Thomas Durbin, secretary, Cheyenne.
 State board of sheep commissioners: William Daley, president, Rawlins; C. E. Verry, secretary-treasurer, Cheyenne; W. D. McKeon, Newcastle; J. M. Wilson, Douglas.
 C. L. Prien, experiment station veterinarian, Laramie.
- UNITED STATES LIVE-STOCK SANITARY ASSOCIATION: President, C. E. Cotton, 615 Fourth avenue south, Minneapolis, Minn.; vice-presidents, John R. Mohler, Washington, D. C.; P. S. Haner, Taylorville, Ill.; Paul Juckniess, Lincoln, Nebr.; C. A. Cary, Auburn, Ala.; S. B. Nelson, Spokane, Wash.; secretary and treasurer, J. J. Ferguson, Union Stock Yards, Chicago, Ill.

Approved:

JAMES WILSON,
Secretary of Agriculture.

WASHINGTON, D. C., *September 21, 1910.*

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